SDM-N50R

Multiscan® Computer Display

SONY

Ultra Slim LCD panel utilizing Sony's media engine technology. This advanced display provides superior images with outstanding onscreen colors all in a sleek, space-saving design.

- *15.0" Flat Panel - TFT LCD technology is combined with anti-glare coating for high contrast images.*
- *Gigabit Video Interface (GVIF™) - Reduces desktop clutter by using only one cable to carry the audio, video and power between the display and the media engine, which can be stored away out of sight.*
- *Advanced User Sensors - Light sensor automatically adjust panel brightness to optimal room level and motion sensor saves power when user steps away.*
- *Premium Stereo speakers - Built unobtrusively into the stand with bass boost and wide sound to deliver exceptional audio.*
- *Dual Inputs - HD15 inputs provide flexibility and support for multiple computer applications.*
- *Multi View Pivot Stand - Adjusts to multiple positions to provide optimal viewing angle and maximum comfort.*

N-Series LCD

The definition *of* definition™

SDM-N50R

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Ultra Slim Styling

- Maximize desktop space
- Multi View Pivot Stand

Dual Inputs

- Multiple Computer Support
- Dual HD15 inputs

Premium Stereo Speakers

- Multimedia & Internet Content
- Free's up valuable desktop space

Model	SDM-N50R
Color	Dark Gray and Silver
Viewable Image Size	
Diagonal	15.0″
Horizontal	12.0″
Vertical	9.0″
LCD Panel	
LCD Type	a-Si TFT Active Matrix
Native Resolution	1024 x 768
Color Filters	RGB Vertical Stripes
Pixel Pitch	0.297mm
Screen Treatment	Anti-Glare/Hard Coating
Colors	16.19 Million
Native Resolution	1024 x 768
Luminance	250 cd/m²
Contrast Ratio	300:1
Viewing Angle	
Horizontal	140
Vertical	120
Scan Range	
Horizontal	30kHz - 61kHz
Vertical	48Hz - 85Hz
Preset Timings	
Factory	20
User Adj	25
Response Tiime	
Rise Time	10 ms
Fall Time	35 ms

Color Temperature Presets
5000, 6500, 9300 (default) Kelvin

Video Signal Inputs

Video Input	Analog RGB 0.7 Vp-p ± 10%, Positive, 75 ohms (typ)
Sync Input	Separate HD/VD TTL, Polarity Free Polarity free, Ext. Composite
Sync on Grn	0.3 Vp-p ± 10%, Negative

Input Connectors
HD15 x 2

Audio Inputs / Outputs
Input Connector Stereo Minijack
Headphone Connector Stereo Minijack
Audio Input 0.5V RMS
Impedance 47k ohms
Headphone Output 15mW x 15mW
Speaker Output 2W x 2W

Display Dimensions (WxHxD)
14.0" x 13.6 x 7.3" (LCD Display)
1.8" x 7.1" x 7.1" (Media Engine)

Display Weight
6.6 lbs. (Display)
1.7 lbs. (Media Engine)

Power Requirements
100-240VAC, 50/60Hz

Power Management:	
Normal Operation	35 W typ.
Low Power Mode	8 W max.
Stand by	3 W max.
Suspend	3 W max.
Active Off	3 W max.
Regulation and Standard Compliance	
Safety Regulations:	UL1950, cUL EN60950 EMKOS
Human Factor:	ISO9241-3,7,8
CE mark:	EN55022 EN55024 EN60001-3-2/-3-3
EMI	FCC Class B IC Class B
ELF/VLF	MPR-II (TUV Ergonomic Mark) TCO 95
Power Management	International Energy Star NUTEK Spec 803299
Designed for	PC99, Windows® 95,98,2000 Macintosh® Compatible
Plug and Play	DDC-2B
Tilt Range	0° to ±90
Height Range	0" to ± 3"

Front Panel User Controls
Power Switch, Menu Button
Brightness, Contrast Button
Volume
Input Select

On Screen Display Controls
Phase, Pitch, Image Center
Color Temperature, Backlight Control
Option (OSD Position)
Power Save
Multi-Language (Eng., Fre., Spa., Ital., Ger., Jap.)
Menu Lock, Volume, Reset
Light Sensor, User Sensor
Zoom
Bass Boost
Wide Stereo

Operating Conditions
Temperature: 41° to 95° F (5° to 35° C)
Relative Humidity: 10% to 80% (Non-Condensing)

Storage Conditions
Temperature: -4° to 140°F (-20° to 60°C)
Relative Humidity: 5% to 95% (Non-Condensing)

Supplied Accessories
AC Power Cord
User's Manual (Eng., Fre., Spa., Ital., Ger.)
Windows® Monitor Information Disk/Utility Disk
Macintosh® Utility Disk, MAC Adapter
GVIF System Connector Cable
HD15 ~ HD15 Video Signal Cable
Audio Cable
Warranty Card

Limited Warranty
Parts and Labor: 3 years

Microsoft Windows 2000 Professional

SONY

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Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This display is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance.

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This monitor is Energy Star Compliant when used with a computer equipped with VESA Display Power Management Signaling (DPMS). As an International Energy Star Partner, Sony Corporation has determined that this product meets the International Energy Star Program for energy efficiency. The Energy Star emblem does not represent EPA endorsement of any product or service. Screen images are simulated.